Jeremy P. Sabo *sabo.jeremy@gmail.com* *www.linkedin.com/in/JeremyPSabo* *864-978-1887*

Education:

Master of Science in Electrical Engineering at UNC Charlotte ***GPA: 3.333*** Graduation: May 2016
- Relevant Coursework: Engineering Simulation, Control Theory I & II

Bachelor of Science in Computer Engineering at UNC Charlotte ***GPA: 3.566*** Graduation: May 2015
- Relevant Coursework: Embedded Systems, Senior Design I & II, Electronics I & II, Digital Signal Processing

Associate of Science at Blue Ridge Community College, Hendersonville, NC ***GPA: 3.5*** Graduated: May 2011

Projects:

NASA Student Launch Initiative 2015 (Senior Design) **Team Member** June 2014 – April 2015
- Wrote sections of a design proposal that was accepted to compete in NASA's national Maxi-MAV competition
- Working on a multidisciplinary team of 14 engineering students designing and building a fully autonomous robotic launch platform and launch vehicle
- Designed electrical systems for the robot, sub-scale prototype launch vehicle, and full-scale launch vehicle
- Programming control systems in LabVIEW
- Assisting with the writing, compiling, and presenting of design reviews to a panel of NASA engineers
- Hosting several STEM related outreach events for middle and high school students

IEEE Southeast Conference Hardware Competition 2014 ***Team Captain*** Sept 2013 – March 2014
- Managed a team of eight students building an autonomous mobile NERF™ turret
- Divided the project into subsystems and distributed tasks to team members
- Ensured that team members had the necessary information, parts, and equipment
- Assisted in coordinating travel preparations and logistics

IEEE Southeast Conference Hardware Competition 2013 ***Team Captain*** Jan 2013 – April 2013
- Led a team of four students building an autonomous block sorting robot
- Orchestrated weekly team meetings and work sessions
- Researched and developed a simple framework for an Atmega microcontroller in C
- Designed and implemented a state machine in C

Employment:

Teaching Assistant (Intro to Engr. II) ***UNC Charlotte, North Carolina*** Jan 2014 – April 2014
- Helped teach 80 students how to program TI MSP430 microcontrollers
- Answered student's questions about computer engineering and its applications
- Taught students how to prototype circuits using breadboards
- Graded weekly quizzes and lab projects

Undergraduate Research Assistant ***UNC Charlotte, North Carolina*** May 2012 – July 2012
- Assisted with a research project aimed at creating a tour guide robot
- Attended lectures on topics such as technical writing and research ethics
- Debugged electrical circuit issues
- Programmed an Atmega microcontroller in C++

Skills

- Software: Microsoft Office, P-Spice, ModelSim, Microsoft Visual Studios
- Programming: C/C++, MATLAB, VHDL, LabVIEW

Honors and Affiliations:

- President of Charlotte Area Robotics Club Jan. 2014 – Present
- UNCC IEEE Student Chapter Southeast Con 2015 Event Coordinator May 2014 – April 2015
- Active Member of UNCC High Power Rocketry Club June 2014 – Present
- UNCC Electrical and Computer Engr. Dept.'s Outstanding Undergrad TA Spring 2014